

For Research Use Only

CoraLite® Plus 647-conjugated Cytokeratin 19 Polyclonal antibody



Catalog Number:CL647-10712

Basic Information

Catalog Number: CL647-10712	GenBank Accession Number: BC007628	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3880	
Source: Rabbit	Full Name: keratin 19	
Isotype: IgG	Calculated MW: 40 kDa	
Immunogen Catalog Number: AG1085	Observed MW: 44-50 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse

Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells. Keratin expression is highly regulated, tissue specific, and varies according to cell-state. Type I keratins consist of acidic, low molecular weight proteins with MW ranging from 40 kDa (KRT19) to 64 kDa (KRT9). Type 2 keratins consist of basic or neutral, high molecular weight proteins with MW from 52 kDa (KRT8) to 67 kDa (KRT18). Keratin 19 is a type I cytokeratin. It is a biochemical marker of skin stem cells in vivo and in vitro.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

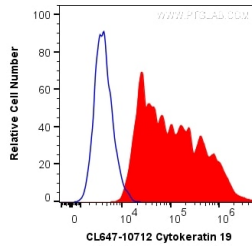
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human Cytokeratin 19 (CL647-10712) (red), or 0.2 ug Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).